IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Appl. No.: Applicants:

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Timothy R. Miller, et al.

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NOV 3 0 2004 Shuwang Liu **Technology Center 2600** XSI.010/10X-202

ULTRAWIDE BANDWIDTH SYSTEM AND METHOD FOR

FAST SYNCHRONIZATION

AMENDMENT UNDER 37 C.F.R. 1.111

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated September 20, 2004, the period for response to which extends through December 20, 2004, please consider the following amendments and comments.

Amendments to the Claims are reflected in the listing of the claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.